

Influenza Update: November 25, 2017

Influenza activity was observed to be below baseline levels in King County during weeks forty-six and forty-seven: there have been no reports of laboratory-confirmed influenza deaths or additional outbreaks in long-term care facilities. The percent of emergency department (ED) influenza-like illness (ILI) visits was below the 5-year average for this time of year, and below peak levels observed during the previous 5 influenza seasons. ED ILI visits were highest among the pediatric population. Among every age group except children under 2 years, the percent of ED ILI visits was at or below baseline levels. The University of Washington Virology Laboratory data show low levels of RSV, as well as circulating rhinovirus.

At a glance

	Current week	Since Sep 25, 2017
Laboratory-confirmed influenza deaths	0	0
Percentage positive influenza tests by PCR¹	3.6%	Season peak: 3.9%
Number of labs reporting	4	Weekly average: 5.1
Number of specimens tested	476	Weekly average: 468
Percentage of emergency department (ED) visits for ILI²	1.6%	Season peak: 1.6%
Respiratory disease outbreaks at long-term care facilities (LCTFs)	1	1
Laboratory-confirmed LTCF influenza outbreaks	1	1

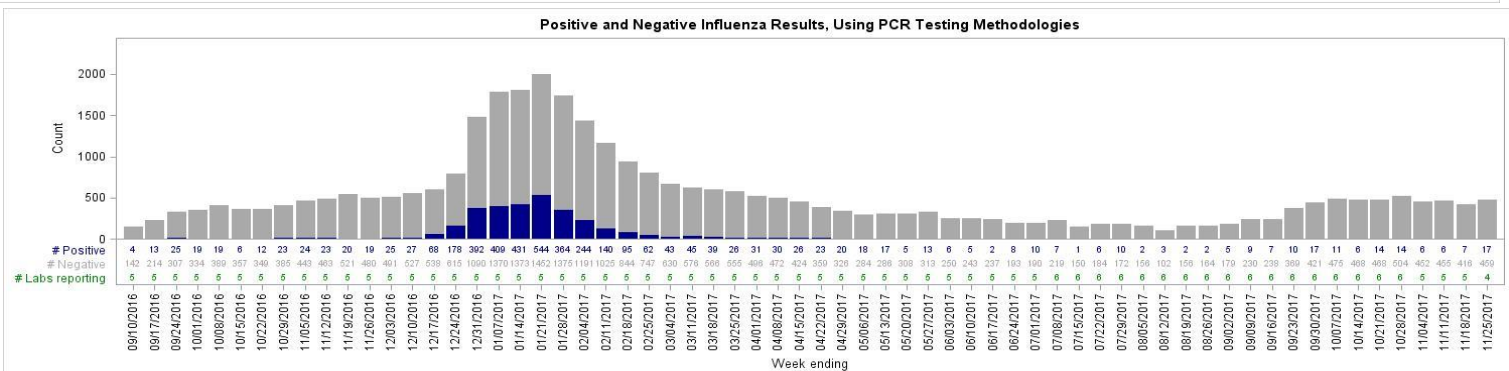
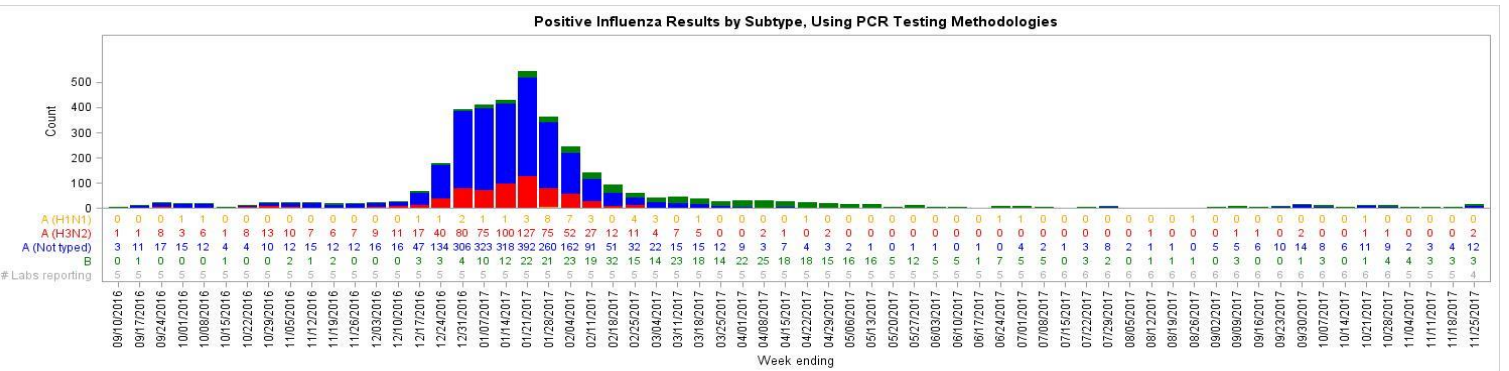
¹Based on King County hospital laboratory and sentinel provider submissions to CDC's National Respiratory and Enteric Virus Surveillance System (NREVSS). NREVSS data not available for previous seasons due to change in reporting procedures.

²Based on Public Health - Seattle & King County's syndromic surveillance data representing aggregate percent of visits to King County EDs.

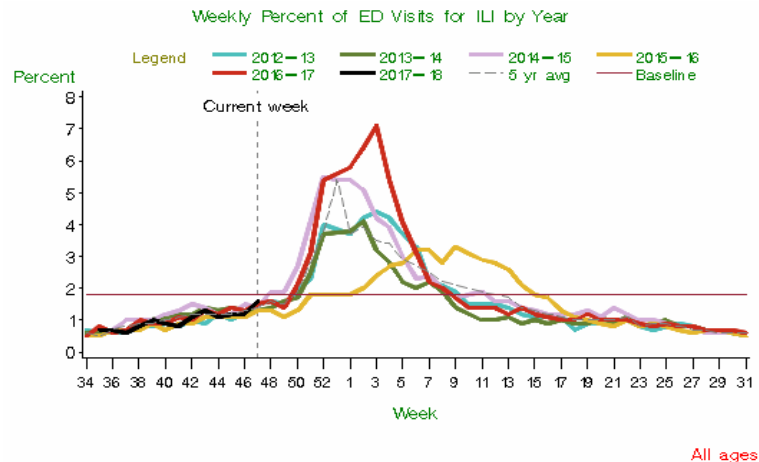
Submissions to NREVSS by King County labs and sentinel providers

Week #	Week ending	Methodology	# Labs reporting	A (H1N1)	A (H3N2)	A (Not typed)	B	# Tested	% Flu positive
44	11/4/2017	AG	5	0	0	0	3	105	3.8
		PCR	5	0	0	0	2	458	1.3
		VI	2	0	0	0	0	17	0
45	11/11/2017	AG	5	0	0	0	4	130	3.1
		PCR	5	0	0	0	3	461	1.3
		VI	2	0	0	0	0	16	0
46	11/18/2017	AG	4	0	0	0	3	51	5.9
		PCR	5	0	0	0	4	423	1.7
		VI	2	0	0	0	0	21	0
47	11/25/2017	AG	3	0	0	0	0	0	0
		PCR	4	0	0	2	12	476	3.6
		VI	2	0	0	0	0	22	0

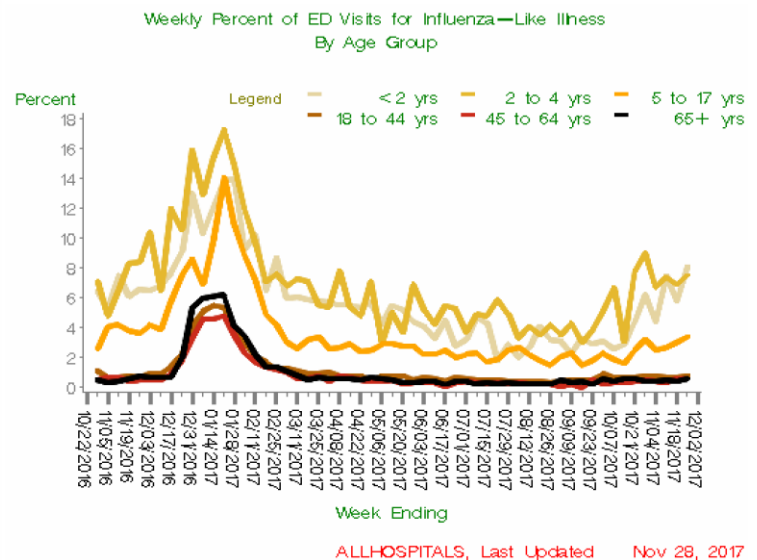
Methodologies: AG=Antigen; PCR=Polymerase Chain Reaction; VI=Viral Isolation



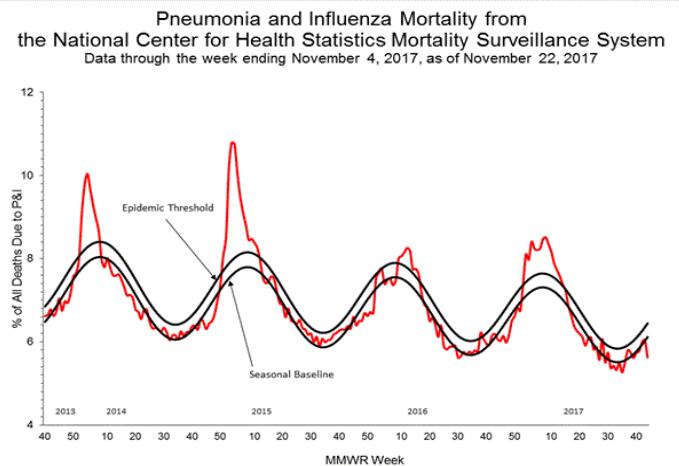
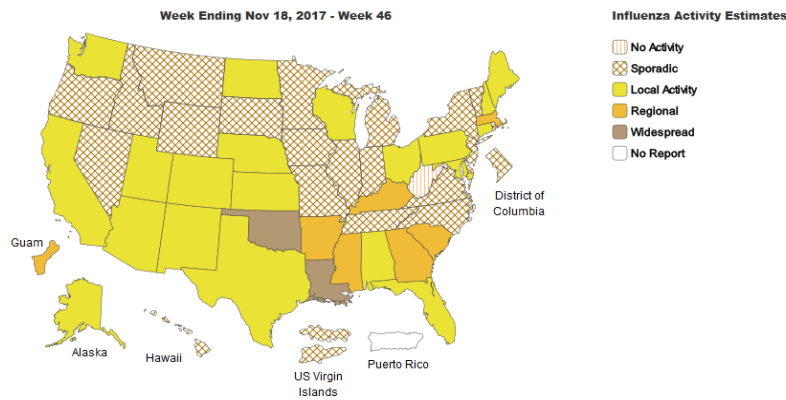
King County syndromic surveillance system



Note: The change from ICD-9 to ICD-10 codes in October 2015 may impact trends.
 Last updated Nov 26, 2017 ; 'current week' is week ending Nov 25, 2017
 Baseline: Mean % ILI during non-flu weeks for previous three seasons, adding two standard deviations.
 Using rapid antigen data, a non-flu week is a period of 2+ consecutive weeks where each one accounted for <2% of the season's total number of specimens that tested positive for influenza.



National data from CDC



Please report any of the following:

- Laboratory-confirmed influenza-associated deaths
- Patients with novel or unsubtypeable influenza viruses
- Outbreaks of influenza-like illness in a long-term care facility

Phone: (206) 296-4774

Fax: (206) 296-4803

Reporting Timeframe

Within 3 business days

Immediately

Immediately

Resources

[Additional King County Flu Information, Resources, and Surveillance](#)

[UW Virology Laboratory Respiratory Virus Surveillance](#)

[Washington State Influenza Surveillance Update](#)

[National Influenza Update](#)

[Global Influenza Update](#)

